pc - Stored Program Digital Switching Equipment

pc-a- CLASS 5 Switches that meet BULLETIN 1753E-001 (Form 522)

Manufacturer	Base	Accepted System Release[5]	Acceptance Classification[1]	RST(s)
AG Communications Systems	GTD-5EAX	1732	A	RSU
Lucent Technologies	5ESS-2000[6]	5E16.2	A	EAIU BZ-RS/EAIU RSM ORM TRM
Nortel Networks, Inc.	DMS-10[2]	602.20	A	RLCM (OPAC) RSC-S Star Remote Hub
Nortel Networks, Inc	DMS-100[3]	LEC00017	A	RLCM (OPAC) RSC-S RSC Star Remote Hub
Redcom Lab., Inc.	MDX MDX-I[7] HDX	17.0 6.1 1.0	A A A	MDX-R MDX-IR HDX-R
Siemens Information and Communication Networks	DCO[4]	24.0 O-N-E UP	A	RLS-450 RLS-1080 RLS-4000
Siemens Information and Communication Networks	EWSD[8]	20.0	A	RCU RCU-160C RCU-800C
Taqua	7000 Class 5 Packet Switch	5.0	A	7000 Class 5 Packet Switch
Taqua	7000 EVS, Enhanced VoIP Switch[11]	5.0	A	7000 EVS, Enhanced VoIP Switch

See notes on page 5.3.2.

pc-b- Softswitch Solutions with adjunct equipment
that meet BULLETIN 1753E-001 (Form 522)

Accepted

Manufacturer	**Base**	**System Release**[5]	**Acceptance Classification**[1] [9]	**RST(s)**
Lucent Technologies	Lucent Compact Switch	3.8	C	Lucent Compact Switch
MetaSwitch	VP3510	4.1	C	VP3510
	VP2510	4.1	C	VP2510
NewCross Technologies	CSS™ Service Manager (NXT4000)	R2.6.0.6	C	CSS™ Service Manager (NXT4000)
Nortel	CS1500	2.0	C	CS1500
Sonus Networks	GSX9000[12]	6,4	C	GSX9000[11]

See notes on page 5.3.2.

Notes:

[1] Acceptance Classification: C-Conditionally Accepted, A-Accepted.

[2] The DMS-10 listing includes the one and two bay version and its application as an HSO, SSO or LCC.

[3] The DMS-100 listing includes its application as a DMS-200 tandem office and the smaller version of the SuperNode configuration, the DMS-SuperNode SE.

[4] DCO listing includes the DCO-SE one and two bay configurations and DCO RNS.

[5] The listed software/firmware system release is the most recent system release that was reviewed by RUS and found to be fully compliant with all requirements of 7 CFR 1755.522, RUS General Specification for Digital, Stored Program Controlled Central Office Equipment (Form 522). Other system releases may also be acceptable. For information on specific releases, please contact the Chairman, Technical Standards Committee "A" (Telecommunications), Rural Utilities Service, Stop 1598, 1400 Independence Avenue, SW., Washington, D.C. 20250-1598.

[6] The 5ESS-2000 digital exchange listing includes the compact digital exchange 5ESS-2000 (CDX) and the very compact digital exchange 5ESS-2000 (VCDX) in host and remote switching terminal configurations (DRM). The listing also includes the EAIU/BZ-RS Unit, also called the 5E-XC Remote Line Unit. When a VCDX is upgraded to a CDX or full sized 5ESS-2000, it can host the listed RSTs. Unless it is upgraded it can only host the EAIU. Emergency call processing using the BZ-RS is only offered for EAIU Units that are hosted from a full sized 5ESS-2000 or from a DRM. The BZ-RS cannot be used to provide emergency call processing on EAIU Units hosted from a CDX or from a VCDX. System Release 5E16.2 is designated 5E-XC Service Rich Software by Lucent.

[7] The MDX-I listing is for a minimum system configuration of four shelves, each containing no more than 100 lines or 25 percent of the total equipped lines, whichever is less.

[8] The EWSD listing includes the EWSD Small Exchange (EWSD-SX) and the Line Trunk Group-O (LTGO).

[9] Systems used for line access for this switch must be included in the RUS *List of Materials Acceptable for Use on Telecommunications Systems of RUS Borrowers* in category ae – Access Equipment.

[11] Consists of the Taqua T7000 Class 5 Packet Switch and VoIP Software application

[12] This system includes PSX, SGX and EMS deployed on Sun Netra servers.

APPROVAL-TO-BID STATUS OF DIGITAL SWITCHING SYSTEMS

Digital central office switching systems, which have Agency acceptance, are listed by software generic. To bid generics which are not listed requires an approval-to-bid. Such an approval can be obtained up to five years prior to the general availability of the generic. An unlisted generic may not be delivered to an Agency funded site until it receives full acceptance.

Manufacturer	Model	Software Generic	Expiration Date [1]
AG Communications Systems	GTD-5EAX		
Lucent Technologies	5ESS-2000		
MetaSwitch	VP2510	6.1	07/31/2013
	VP2510		
Nortel Networks, Inc.	DMS-10		
	DMS-100		
Redcom Lab., Inc.	HDX	3.0	04/30/2013
	MDX	18.1	04/17/2008
	MDX-I	7.0	05/26/2011
Siemens Information & Communications Networks	DCO	25.0	02/01/2010
	EWSD	20E04	02/23/2009
Taqua	7000 Class 5 Packet Switch	6.0	11/30/2012
Taqua	7000 EVS, Enhanced VoIP Switch	6.0	11/30/2012

Notes:

1. Indicates the expiration date of the approval-to-bid.